Product datasheet

4-(N-1-Dimethylaminonaphthalene-5-sulfonylamino)phenyl isothiocyanate, Fluorescent reagent ab144969

Overview

Product name 4-(N-1-Dimethylaminonaphthalene-5-sulfonylamino)phenyl isothiocyanate, Fluorescent reagent
Description Fluorescent PITC homolog Edman-type reagent.
Biological description Fluorescent PITC homolog Edman-type reagent with similar coupling efficiency and repetitive degradation yield to those of PITC.
General notes Fluorescence: max. Abs. λ = 335nm, max. Em. λ = 536nm (in methanol).

CAS Number 102417-94-7
Chemical structure

Properties

Excitation 335nm
Emission 536nm
Chemical name 5-(Dimethylamino)-N-(4-isothiocyanatophenyl)-1-naphthalenesulfonamide
Molecular weight 383.49
Molecular formula C_{19}H_{17}N_{3}O_{2}S_{2}
Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview DMSO
Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.
Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

Source Synthetic

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